

Abstract of the Disclosure

A reflective display having a plurality of approximately hemispherical high refractive index ( $\eta_1$ ) transparent hemi-beads substantially covering and protruding inwardly from a transparent sheet's inward surface. The transparent sheet, which has an outward viewing surface, has a refractive index ( $\eta_2$ ) which can be low (i.e.  $\eta_1 \approx 1.92$  and  $\eta_2 \approx 1.59$ ). A member is selectably moved into an intense evanescent wave region at the hemi-beads' inward side to selectably frustrate substantial total internal reflection of light rays. The member can be a plurality of light scattering particles suspended in a low refractive index ( $\eta_3 \approx 1.27$ ) electrophoresis medium and electrophoretically moved into or out of the intense evanescent wave region.